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MAR 10 1989

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March 8, 1989

Midland Electric, Inc.  
4311 Sunnyside Avenue N.  
Seattle, WA 98103

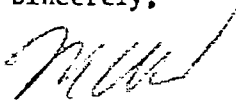
Attention: Mr. Bob Witty

Subject: Ash Grove Cement West, Inc.  
Electrical Modifications

Dear Bob:

We have discussed the requirement for installation of the Westinghouse switchboard, which includes rope strapping of the incoming feeder cables to maintain the short circuit rating. We have confirmed that this requirement is only necessary when the short circuit rating and availability of the electrical system exceed 50,000 amperes. The transformer serving the switchboard and its impedance will inherently limit the short circuit current at all times to a value not exceeding 35,000 amperes. Therefore, the wrapping of the service cables for bracing will not be required.

Sincerely,

  
Mark C. Wirfs, P.E.  
Electrical Engineer

MCW:mc

cc: Ash Grove Cement, Mr. Ken Rone

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